

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 952  | hollow and fiber and membrane and module and centrifugal  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/09 00:25 |
| L2    | 287  | hollow with fiber with membrane with module and centrifugal   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/09 00:37 |
| L3    | 182  | hollow with fiber with membrane with module and (heater or heating or heat) with (control or controller or controlling) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/09 00:25 |
| L4    | 456  | (156/358).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/09 00:25 |
| L5    | 303  | (156/381).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/09 00:25 |
| L6    | 550  | (156/359).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/09 00:25 |
| L7    | 217  | (156/74).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/09 00:25 |
| L8    | 1571 | (156/64).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/09 00:25 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L9  | 956  | (156/382).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/09 00:25 |
| L10 | 1602 | (210/500.23).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/09 00:25 |
| L11 | 705  | (resin with coil) and centrifugal   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/09 00:25 |
| L12 | 71   | (resin with coil) and centrifugal and<br>(heater or heating or heat) with<br>(control or controller or controlling)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/09 00:25 |
| L13 | 281  | hollow with fiber with membrane and<br>centrifugal and (heater or heating or<br>heat) with (control or controller or<br>controlling)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/09 00:25 |
| L14 | 126  | hollow with fiber with membrane with<br>module and "264"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/09 00:25 |
| L15 | 2    | hollow with fiber with membrane with<br>module and (resin with potting) and<br>(centrifugal) and (temperature with<br>(detector or sensor)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/09 00:25 |
| L16 | 14   | hollow with fiber with membrane with<br>module and (resin) and (centrifugal)<br>and (temperature with (detector or<br>sensor))              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/09 00:25 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L17 | 95  | hollow with fiber with membrane and (resin) and (centrifugal) and (temperature with (detector or sensor))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/09 00:25 |
| L18 | 340 | (fiber with filter) and centrifugal and (heater or heating or heat) with (control or controller or controlling)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/09 00:25 |
| L19 | 1   | (fiber with filter) and centrifugal and (heater or heating or heat) with (control or controller or controlling) and (resin with potting) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/09 00:25 |
| L20 | 141 | (fiber with filter) and centrifugal and (heater or heating or heat) with (control or controller or controlling) and resin                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/09 00:25 |
| L21 | 340 | (fiber with filter) and centrifugal and (heater or heating or heat) with (control or controller or controlling)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/09 00:25 |
| L22 | 0   | hollow.clm. and fiber.clm. and membrane.clm. and module.clm. and centrifugal.clm. and jig.clm. and detector.clm. and temperature.clm.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/09 00:38 |